

### Abstract of the Disclosure

A drive train system having a driving engine that has a cooling system for cooling the driving engine is provided. The cooling system has a coolant circuit, a cooling device, and a fan that is associated with the cooling device and that is in driveline connection with the driving engine. A controllable or regulatable clutch is arranged between the driving engine and the fan. The clutch is a hydrodynamic clutch having a primary wheel and a secondary wheel, which jointly form a working chamber that can be filled with a working fluid, and is provided with a working fluid supply system associated with the clutch and with means for influencing the transmission behavior of the hydrodynamic clutch.